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Gene HomoloGene		LinkOut	BLAST	TRACE
<u>Lineage</u> (full): <u>root</u> ; <u>Viruses</u> ; <u>dsDNA viruses</u> , <u>no RNA stage</u>				
ICTV homepage				
o Herpesviridae Click on organism name to get more information.				

- o Alphaherpesvirinae
 - o bird herpesviruses
 - Iltovirus
 - o Mardivirus
 - Gallid herpesvirus 2 (Marek's disease virus type 1)
 - Gallid herpesvirus 3 (Marek's disease virus type 2)
 - Marek's disease herpesvirus (strain MD11/75C/R2)
 - Marek's disease herpesvirus (strain RB-1b)
 - Marek's disease herpesvirus strain bc-1
 - Marek's disease herpesvirus strain GA
 - Marek's disease herpesvirus strain MD5
 - Meleagrid herpesvirus 1 (Turkey herpesvirus)
 - o Simplexvirus
 - Ateline herpesvirus 1
 - Baboon herpesvirus 2
 - Bovine herpesvirus 2
 - Cercopithecine herpesvirus 1 (B virus)
 - Cercopithecine herpesvirus 2 (SA8)
 - Herpes simplex virus 7
 - Herpes simplex virus unknown type
 - Human herpesvirus 1 (Herpes simplex virus type 1)
 - Human herpesvirus 2 (Herpes simplex virus type 2)
 - Macropodid herpesvirus 1 (parma wallaby herpesvirus)
 - Macropodid herpesvirus 2 (dorcopsis wallaby herpesvirus)
 - o Varicellovirus
 - Bovine herpesvirus 1
 - Bovine herpesvirus 5
 - Bubaline herpesvirus 1
 - Buffalo herpesvirus 1
 - Canine herpesvirus 1
 - Caprine herpesvirus 1 (goat herpesvirus)
 - Cercopithecine herpesvirus 9 (Simian varicella virus)

- Cervid herpesvirus 1
- Equid herpesvirus 1 (Equine herpesvirus 1)
- Equid herpesvirus 3
- Equid herpesvirus 4 (Equine herpesvirus 4)
- Equid herpesvirus 8
- Feline herpesvirus 1
- Gazelle herpesvirus 1
- Human herpesvirus 3 (Varicella-zoster virus)
- Phocid herpesvirus 1
- Suid herpesvirus 1 (Pseudorabies virus)
- Equine herpesvirus sp.

o unclassified Alphaherpesvirinae

- Bottlenose dolphin herpesvirus
- Bovine herpesvirus 3
- Gerrhosaurid herpesvirus 1
- Gerrhosaurid herpesvirus 2
- Gerrhosaurid herpesvirus 3
- Iguanid herpesvirus 2
- Phocine herpesvirus type 1
- Rangiferine herpesvirus 1
- Squirrel monkey herpesvirus 1
- Vulture herpesvirus

o Betaherpesvirinae

- o Cytomegalovirus
 - Baboon cytomegalovirus
 - Cercopithecine herpesvirus 5
 - Cercopithecine herpesvirus 8 (Rhesus cytomegalovirus)
 - Colobus badius cytomegalovirus 1
 - Colobus guereza cytomegalovirus 1
 - Human herpesvirus 5 (Human cytomegalovirus)
 - Mandrillus cytomegalovirus
 - Phacochoerus africanus cytomegalovirus 1
 - Pongine herpesvirus 4 (Chimpanzee cytomegalovirus)
 - Pongo pygmaeus cytomegalovirus 1.
 - Porcine cytomegalovirus
 - Simian cytomegalovirus
 - Vervet cytomegalovirus CSG
 - unidentified cytomegalovirus
- o Muromegalovirus
 - Murid herpesvirus 1 (Murine cytomegalovirus)
 - Murid herpesvirus 2 (Rat cytomegalovirus)
- o Roseolovirus
 - Human herpesvirus 6
 - Human herpesvirus 6A
 - Human herpesvirus 6B
 - Human herpesvirus 7
 - Pan troglodytes herpesvirus 6
- Tupaiid herpesvirus 1
- Tupaiid herpesvirus 2
- o unclassified Betaherpesvirinae
 - Aotine herpesvirus 1

- Atypical cytopathic virus
- Elephant herpesvirus 1
- Macaca mulatta cytomegalovirus
- Mandrillus herpesvirus beta
- Porcine cytomegalovirus B6
- Porcine cytomegalovirus OF-1
- o <u>Gammaherpesvirinae</u> (lymphoproliferative virus group)
 - o Lymphocryptovirus
 - <u>Callitrichine herpesvirus 3</u> (Marmoset lymphocryptovirus)
 - Cercopithecine herpesvirus 12
 - Cercopithecine herpesvirus 15 (Rhesus lymphocryptovirus)
 - <u>Human herpesvirus 4</u> (Epstein-Barr virus)
 - lymphocryptovirus 1
 - <u>lymphocryptovirus 2</u>
 - Pongine herpesvirus 1
 - Pongine herpesvirus 2
 - Pongine herpesvirus 3
 - Saimiriine Herpesvirus 3
 - unclassified Lymphocryptovirus
 - o Rhadinovirus
 - Alcelaphine herpesvirus 1 (wildebeest herpesvirus)
 - Alcelaphine herpesvirus 2
 - Ateline herpesvirus 2 (Herpesvirus ateles)
 - Babyrousa babyrussa rhadinovirus 1
 - Bovine herpesvirus 4
 - <u>Cercopithecine herpesvirus 17</u> (Rhesus rhadinovirus)
 - Chlorocebus rhadinovirus 1 (ChRV1)
 - Chlorocebus rhadinovirus 2 (ChRV2)
 - Diceros bicornis rhadinovirus 1
 - Equid herpesvirus 2 (Equine herpesvirus 2)
 - Equid herpesvirus 5
 - Gorilla rhadinovirus 1
 - Human herpesvirus 8 (Kaposi's sarcoma-associated herpesvirus Human herpesvirus 8)
 - Hylobates leucogenys rhadinovirus 2
 - Macaca fuscata rhadinovirus
 - Macaca nemestrina rhadinovirus 2
 - Macaque gamma virus
 - Mandrillus herpesvirus 1
 - Mandrillus herpesvirus 2
 - Murid herpesvirus 4 (Murine herpesvirus 68)
 - Mustelid herpesvirus 1
 - Ovine herpesvirus 2
 - Pan rhadino-herpesvirus 2
 - Pan troglodytes rhadinovirus 1
 - Phacochoerus africanus rhadinovirus 1
 - Retroperitoneal fibromatosis-associated herpesvirus
 - Saimiriine herpesvirus 2 (Herpesvirus saimiri)
 - Sus barbatus rhadinovirus 1
 - Tupaia belangeri rhadinovirus 1
 - Type 1 ruminant rhadinovirus

- Type 2 ruminant rhadinovirus
- unclassified Rhadinovirus
- o unclassified Gammaherpesvirinae
 - American bison gammaherpesvirus
 - Asinine herpesvirus 4
 - Asinine herpesvirus 5
 - Asinine herpesvirus 6
 - Baboon gamma-herpesvirus
 - Blainville's beaked whale gammaherpesvirus
 - Bottlenose dolphin gammaherpesvirus
 - California sea lion herpesvirus
 - Caprine herpesvirus 2
 - Deer malignant catarrhal fever virus
 - Dwarf sperm whale gammaherpesvirus
 - Hexaprotodon liberiensis lymphotropic herpesvirus 1
 - Impala herpesvirus 1
 - Murine herpesvirus 72
 - Phacochoerus africanus lymphotropic herpesvirus 1
 - Porcine gamma-herpesvirus
 - Porcine lymphotropic herpesvirus 1
 - Porcine lymphotropic herpesvirus 2
 - Porcine lymphotropic herpesvirus 3
 - Springbok herpesvirus 1
 - Springbok herpesvirus 2
 - Sus barbatus lymphotropic herpesvirus 1
 - Tapir herpesvirus
 - Wild ass herpesvirus
 - Zebra herpesvirus
- o Ictalurivirus
 - Ictalurid herpesvirus 1 (Channel catfish virus)
- o Unassigned Herpesviridae
 - Callitrichine herpesvirus 1
 - Cercopithecine herpesvirus 3
 - Cyprinid herpesvirus 1
 - Cyprinid herpesvirus 2
 - Gallid herpesvirus
 - o Guinea pig cytomegalovirus
 - Guinea pig cytomegalovirus (strain 22122 / ATCC VR682) (GPCMV)
 - Koi herpesvirus
 - Ostreid herpesvirus 1
 - Ovine herpesvirus 1
 - Phocid herpesvirus 2
 - Psittacid herpesvirus 1
 - Ranid herpesvirus 1 (Lucke tumor herpesvirus)
- o unclassified Herpesviridae
 - African elephant endotheliolytic herpesvirus (Afeev)
 - Anatid herpesvirus 1
 - Anguillid herpesvirus
 - Asian elephant endotheliolytic herpesvirus (Aseev)
 - Asinine herpesvirus AHV4-1
 - Asinine herpesvirus AHV4-2

- Asinine herpesvirus AHV4-3
- Asinine herpesvirus AHV5-1
- Asinine herpesvirus AHV5-2
- Asinine herpesvirus AHV5-3
- Asinine herpesvirus AHV5a
- Ateline herpesvirus 3
- Bovine lymphotropic herpesvirus
- Caprine lymphotropic herpesvirus
- Columbid herpesvirus 1
- Cottontail Rabbit Herpesvirus
- Crocodylid herpesvirus 1
- Duck enteritis virus
- Flounder herpesvirus
- lung-eye-trachea disease-associated herpesvirus
- Olive ridley turtle herpesvirus
- Oyster herpes-like virus
- Pilchard herpesvirus
- Psittacid herpesvirus 2
- Psittacid herpesvirus 3
- Psittacid herpesvirus 4
- Salmonid herpesvirus 1
- Salmonid herpesvirus 2
- o stealth viruses
 - Stealth virus
 - Stealth virus 1
- Tilapia larvae encephalitis virus
- Tilapia larvae herpesvirus
- o Turtle herpesviruses
 - Caretta caretta herpesvirus
 - Chelonia mydas herpesvirus
 - Fibropapilloma-associated turtle herpesvirus
 - Fibropapillomatosis associated Chelonia mydas herpesvirus
 - Green turtle herpesvirus
 - Loggerhead turtle herpesvirus
 - Tortoise herpesvirus
 - Tortoise herpesvirus 2
- Varanid herpesvirus 1
- unidentified herpesvirus

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Comments and questions to info@ncbi.nlm.nih.gov
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